



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

IOWA, Northeast

Clayton County

South Portion	04	0420CST 0530CST			0	0	350K	125K	Flash Flood
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Flash flooding was caused by 4 to 5 inches of rain in 1 to 2 hours, which resulted in extensive damage to roads, bridges and farm fields. Hardest hit were areas from Edgewood toward Millville. As a result, Clayton County was declared a federal disaster area, along with several other eastern Iowa counties.

IAZ030

Clayton

04	0530CST 1430CST			0	0	50K	80K	Flood
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Runoff from heavy rains that fell during the early morning hours continued to cause extensive flooding along rivers throughout much of the day.

Clayton County

Littleport	04	0834CST			0	0			Hail(0.88)
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Clayton County

Garber	04	0838CST			0	0			Hail(0.75)
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Clayton County

Edgewood	04	0847CST			0	0			Hail(1.00)
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Clayton County 1 N Guttenburg

04	0847CST			0	0			Hail(0.88)
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Law enforcement officials reported hail ranging in size from dimes to nickels and quarters.

Floyd County

Nora Spgs	19	0336CST			0	0	1K	3.5K	Hail(0.88)
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Mitchell County

New Haven	19	0425CST			0	0			Hail(0.75)
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Howard County

Elma	19	0455CST			0	0	0.75K	2K	Hail(0.88)
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Floyd County

Charles City	19	0520CST			0	0	1.3K		Hail(0.88)
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Chickasaw County

Bassett	19	0545CST			0	0	2.5K		Hail(1.00)
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Chickasaw County

Nashua	19	0600CST			0	0			Hail(0.75)
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Chickasaw County

North Washington	19	0600CST			0	0			Hail(0.75)
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Floyd County

Rockford	19	0603CST			0	0			Hail(0.75)
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Chickasaw County

Nashua	19	0635CST			0	0			Hail(0.75)
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Floyd County

Floyd	19	0659CST			0	0			Hail(0.75)
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Chickasaw County

New Hampton	19	0730CST			0	0	0.80K	4K	Hail(1.00)
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Chickasaw County

New Hampton	19	0740CST			0	0			Hail(0.75)
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Chickasaw County

2 E New Hampton	19	0747CST			0	0		2.5K	Hail(0.75)
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Several reports of dime, nickel and quarter size hail were received from law enforcement officials, spotters and the public.



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IOWA, Northeast

Floyd County									
5 SE Marble Rock	21	1220CST			0	0			Hail(1.75)
Floyd County									
5 W Marble Rock	21	1223CST			0	0			Hail(1.25)
Floyd County									
Powersville	21	1243CST 1310CST			0	0			Funnel Cloud
Clayton County									
Garnavillo	21	1359CST 1401CST			0	0			Funnel Cloud
Chickasaw County									
2 NW Ionia to 1.5 NW Ionia	21	1715CST 1718CST	0.5	30	0	0			Tornado (F0)
Chickasaw County									
1 W New Hampton to 1 NE New Hampton	21	1715CST 1751CST			0	0			Hail(0.88)

Law enforcement officials observed a brief tornado touchdown along Highway 18 near Ionia (Chickasaw County). There was no damage reported with the storm. The public also reported hail the size of quarters and golf balls.

Winneshiek County									
1 N Burr Oak	26	1157CST			0	0			Funnel Cloud
Winneshiek County									
1.5 W Ft Atkinson to 1 W Ft Atkinson	26	1322CST 1326CST	0.3	25	0	0	15K	7.5K	Tornado (F0)
Winneshiek County									
Jackson Jct	26	1328CST			0	0			Funnel Cloud
Fayette County									
3.5 W Waucoma	26	1340CST			0	0			Funnel Cloud
Clayton County									
Highland	26	1430CST			0	0			Thunderstorm Wind (G52)

A tornado touched down on a farm just west of Fort Atkinson (Winneshiek County), completely destroying an old barn. Other nearby outbuildings sustained minor damage, as did a nearby farm house. There were no injuries reported.

MINNESOTA, Southeast

Olmsted County									
Rochester	04	0015CST			0	0	4.5K		Hail(1.00)
Olmsted County									
10 NE Rochester	04	0020CST			0	0	2K		Hail(1.00)
Wabasha County									
3 S Lake City	10	2356CST			0	0			Hail(0.75)
Wabasha County									
1 N Zumbro Falls	11	0015CST			0	0			Hail(0.75)
Olmsted County									
Countywide	11	0300CST 0430CST			0	0	3.5K	10K	Flash Flood

Rainfall amounts of 3 to 5 inches in 1 to 2 hours triggered flash flooding during the early morning hours. The driver of a van had to



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June 2002

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MINNESOTA, Southeast

be rescued when their vehicle stalled in two feet of water covering Highway 52 south of Rochester. The heavy rain also caused culverts to become plugged with debris on the northwest side of Rochester.

Olmsted County

Rochester	26	0040CST			0	0	3.5K		Lightning
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Lightning struck the roof of an apartment building, causing a fire.

Fillmore County

2 W Mabel	26	1205CST			0	0			Funnel Cloud
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WISCONSIN, Southwest

Grant County

Hazel Green	03	2200CST			0	0			Hail(1.00)
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Grant County

Bagley	04	0857CST			0	0			Hail(0.75)
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Grant County

Glenhaven	04	0857CST			0	0			Hail(0.75)
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Dime size hail was reported by the public and law enforcement officials

Grant County

South Portion	04	0100CST 0400CST			0	0	500K	200K	Flash Flood
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Rainfall amounts of 3.5 to 5 inches produced flash flooding, with the town of Cassville being hardest hit. Furnace Creek, which flows into the northwest part of the town, was choked with so much debris that the flow of water was diverted into nearby homes and a park. 25 homes had to be evacuated, with 8 of these receiving significant damage. In fact, one home was completely destroyed when the basement collapsed. Local residents also reported cars floating in water 2 to 3 feet deep. Total damage due to the high water was estimated at nearly three-quarters of a million dollars

WIZ061

Grant

04	0400CST 1430CST			0	0	45K	75K	Flood
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Runoff from flash flooding during the early morning hours continued to cause rivers, such as the Grant River, to flood extensive areas of nearby farm fields throughout much of the day.

Grant County

4 S Lancaster	13	1730CST			0	0	45K		Thunderstorm Wind (G55)
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Straight-line winds estimated at 60 to 65 mph blew down a barn, killing seven cattle inside.

Adams County

Northeast Portion	22	0230CST 0930CST			0	0	577K	20K	Flash Flood
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Clark County

Northeast Portion	22	0605CST 0930CST			0	0	345K	25K	Flash Flood
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Taylor County

Countywide	22	0630CST 0900CST			0	0	80K	15K	Flash Flood
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Repeated thunderstorms with heavy rain caused flash flooding over parts of central Wisconsin. Hardest hit was the northeast part of Adams County where Doppler radar estimated total amounts of 15 inches. Cooperative weather observers reported 5 inches of rain at Big Flats, 7 inches in Leola and 10 to 12 inches in areas just north and east of Leola. Numerous roads were closed or badly eroded, with many bridges washed out. Area lakes were full, while levees and dikes nearly breached. Many basements and septic fields flooded out. In northeast Clark County, numerous roads were damaged and closed. Both Adams and Clark County received federal disaster assistance due to the flooding, along with other central Wisconsin counties



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WISCONSIN, Southwest

WIZ017-029-044

Taylor - Clark - Adams

22	0900CST 1400CST				0	0	260K	24.5K	Flood
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Flooding continued during the day as a result of excessively heavy rainfall Friday night into Saturday morning. Numerous roads remained closed due to washouts, while streams and creeks were overflowing. In northern Adams County, emergency management officials reported high water levels on area lakes, which nearly breached levees and embankments. Local residents joined township and county crews in an all-out effort to sandbag areas along lakes Arrowhead, Camelot and Sherwood.

Clark County

Withee

25	2110CST				0	0	5K	7K	Thunderstorm Wind (G56)
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Taylor County

Medford

25	2110CST				0	0	2.5K		Thunderstorm Wind (G52)
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Clark County

1 N Owen

25	2112CST				0	0	3.5K	5K	Thunderstorm Wind (G56)
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Clark County

Abbotsford

25	2115CST 2120CST	0.3	70		0	2	100K		Tornado (F1)
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Buffalo County

2 NE Alma

25	2215CST				0	0			Thunderstorm Wind (G52)
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A tornado touched down in Abbotsford (Clark County), causing considerable damage. A large feed mill was demolished, with debris damaging 15 cars at a nearby car dealership. An electric generator from the feed mill was thrown about two blocks, damaging the front of a building, before coming to rest on a minivan, demolishing it. Utility poles were sheared off and tossed, as well as a railroad crossing guard. One power pole was tossed through a car window, while yet another car was picked up and tossed onto another. In addition to the tornado, straight-line winds estimated at 60 to 65 mph blew down numerous trees and power lines

Buffalo County

2 E Modena

25 26	2335CST 0030CST				0	0	4.5K	8K	Flash Flood
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Flash flooding was caused by 2 to 4 inches of rain in a couple of hours. Law enforcement officials reported mudslides, along with water covering a few county roads.